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[CLAIMS]

1. A method for rendering input data simultaneously into output data (10) in a first output format and in a second output format,
5 the method comprising the step of:
-defining a plurality of bands (11-14) constituting said output data (10);
characterized in that the method further comprises the steps of:
-for each specific band (11-14) out of said plurality of
10 bands (11-14):
i) generating by a renderer from said input data first output data for said specific band (11-14) in said first output format;
ii) generating, from said first output data, second output
15 data for said specific band (11-14) in said second output format.
2. The method according to claim 1 further comprising the steps of:
-sending said output data in said first output format to a main
20 output device;
-sending said output data in said second output format to a proofing device.
3. The method according to claim 2 wherein said main output device
25 is selected from the group of an imagesetter and a platesetter.
4. The method according to any one of the preceding claims wherein
said first output data for said specific band (11-14) comprise
data for a plurality of colors.
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5. The method according to any one of the preceding claims further
comprising the step of:
-descreening said first output data for said specific
band (11-14).
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6. The method according to any one of the preceding claims further comprising the steps of:
- temporarily storing a first portion of said first output data for said specific band (11-14) wherein said first portion
5 adjoins data for another specific band (11-14) out of said plurality of bands;
 - using said first portion of said first output data for said specific band (11-14) for connecting said second output data for said specific band to said second output data for said
10 other specific band.
7. The method according to any one of the preceding claims further comprising the step of:
- appending said first output data for each specific band (11-14)
15 out of said plurality of bands (11-14), thus obtaining said output data in said first output format.
8. A system for processing data comprising means for carrying out the steps of the method according to any one of claims 1 to 7.
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9. The system according to claim 8 when dependent on claim 2, further comprising said main output device.
10. The system according to claim 8 when dependent on claim 2, or
25 according to claim 9, further comprising said proofing device.
11. A computer program comprising computer program code means adapted to perform the steps of the method according to any one of claims 1 to 7 when said program is run on a computer.
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12. A computer readable medium comprising program code adapted to carry out the method according to any one of claims 1 to 7 when run on a computer.